

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S48	1449	(dot punct\$4) with rate with (chang\$4 adjust\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:44
S49	591	S48 and @ad<="20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:45
S50	227	(punct\$4) with rate with (chang\$4 adjust\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:45
S51	269	(puncture\$2) with rate with (chang\$4 adjust\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/11 10:46
S52	113	S51 and @ad<="20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:46
S53	5	"1" adj "2" adj "4" adj "8" adj "42" adj "45" adj "47"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:53
S54	4	S53 and @ad<="20050531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 10:54
S55	4504	rate near matching	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/11 15:30
S56	334	(rate near matching) with (punct\$4 delet\$4) with bit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/11 15:31
S57	5	"1" adj "2" adj "4" adj "8" adj "42" adj "45" adj "47"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:32

S58	0	S57 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:32
S59	46	S56 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:32
S60	0	"8" near5 of near5 "48"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:35
S61	17	"8" with of with "48"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:36
S62	1	("7349540").PNL	USPAT; USOCR	OR	OFF	2009/09/11 15:36
S63	0	S62 and S61	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:37
S64	0	S62 and ("8" near bits near of)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:37
S65	1	S62 and ("8" near bits of near the near "48")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:40
S66	0	S62 and ("8" near bits near of near the near "48")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:40
S67	1	S62 and ("8" near bits the near "48")	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:40
S68	447	("8" near bits) with ("48" near bits)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:41
S69	187	S68 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:42

S70	0	S69 and punct4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:42
S71	0	S69 and punct\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:43
S72	1	S69 and punct\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:43
S73	7	("8" near bits) with ("48" near bits) with delet\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/11 15:43
S74	1	("6973579").PN.	USPAT; USOCR	OR	OFF	2009/09/11 15:53
S75	9	("20020018565"   "20030074476"   "5671218"   "5799154"   "6014567"   "6385183"   "6493331"   "6539047"   "6567461").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/09/11 15:54
S76	1	S75 and punct\$4	US-PGRUB; USPAT; USOCR	OR	OFF	2009/09/11 15:54
S77	1	("7471660").PN.	USPAT; USOCR	OR	OFF	2009/09/11 15:55
S78	0	(device and method and for and convolutional and encoding and in and digital and system).ti.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:02
S79	0	(device and method and convolutional and encoding and in and digital and system).ti.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:02
S80	0	(device and method and convolutional and encoding and in and digital and system).ti.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:03
S81	0	samsung.as. and keon-joo.in.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:03
S82	318615	samsung.as.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:03
S83	10600405	samsung.as. and (min-goo)".in"	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:04
S84	252	samsung.as. and (min-goo).in.	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:04

S85	26	S84 and convolution	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/11 16:04
S86	330	(rate adj matching) with (punct\$4 delet\$4) with bit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/19 11:06
S87	44	S86 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/19 11:06
S88	489	(rate adj matching) with (punct\$6 delet\$4) with bit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/19 11:24
S89	68	S88 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/19 11:24
S90	244	(punct\$6 delet\$4) with bit with standard	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/19 14:50
S91	96	S90 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/19 14:50
S92	570	(rate adj matching) same ((punct\$6 delet\$4) with bit)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/19 15:09
S93	88	S92 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/19 15:09
S94	39	S93 and pattern\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/19 15:09
S95	526	(rate adj matching) and interleav\$4 and ((punct\$6 delet\$4) with bit)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 10:38
S96	101	S95 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 10:38

S97	526	(rate adj matching) and interleav\$4 and ((punct\$6 delet\$4) with bit)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:10
S98	32	S97 and @ad<="20010531" and umts	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 14:10
S99	471	(rate adj matching) and interleav\$4 and ((punct\$6 delet\$4 repeat\$4) near2 bit)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:14
S100	32	S98 and @ad<="20010531" and umts	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/21 14:14
S101	553242	bit with bit and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:19
S102	553242	(bit with bit) and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:19
S103	101	S102 and S97	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:19
S104	193971	(bit near5 bit) and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:20
S105	83	S104 and S97	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 14:20
S106	11	"1" near5 "2" near5 "4" near5 "8" near5 "42" near5 "45" near5 "47"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 08:26
S107	4	S106 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 08:34

S108	619	(rate adj matching) and interleav\$4 and ((punct\$6 delet\$4 repeat\$4) with bit)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 08:39
S109	96	S108 and (bit near5 bit) and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 08:40
S110	1145	("8" near5 bits) with ("48" near5 bits)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 08:54
S111	555	S110 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 08:54
S112	345	S111 and ((rate adj matching) (punct \$6 delet\$4 repeat\$4))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 08:56
S113	1	S111 and ((rate adj matching) and (punct\$6 delet\$4 repeat\$4))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 08:56
S114	345	S112 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 08:57
S115	1	("7471660").PN.	USPAT; USOCR	OR	OFF	2009/09/22 09:23
S116	1	("6973579").PN.	USPAT; USOCR	OR	OFF	2009/09/22 09:24
S117	86	(eight near5 bit) with punct\$6	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 09:26
S118	34	S117 and @ad<="20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 09:26
S119	11	("4939734"   "5416787"   "5983384"   "6014411"   "6094427"   "6529561"   "6529572"   "6621873"   "6665833"   "6732326"   "6782271").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/09/22 10:35
S120	269	("8" near5 bit) with punct\$6	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 13:55

S121	82	S120 and @ad< = "20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 13:55
S122	158	(rate adj matching) and interleav\$4 and ((punct\$6 delet\$4 repeat\$4) with bit) and (rate near\$5 adjust\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 14:13
S123	27	S122 and @ad< = "20010531"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 14:13
S124	3401	S122 and @ad< = "20010531" (punct \$6 with pattern\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:15
S125	7	S122 and @ad< = "20010531" and (punct\$6 with pattern\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:16
S126	7	("8" near\$5 bit) with "48" with punct\$6	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 15:24
S127	12	("8" with bit) with "48" with punct\$6	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 15:32
S128	38	("8" with bit) with "48" with (punct\$6 repeat\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 15:32
S129	24	S128 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:32
S130	42139	(bit) with (punct\$6 repeat\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/22 15:41
S131	241	S130 and umts and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 15:41
S132	70	S131 and (rate adj matching)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 15:42
S133	10	"1" adj\$5 "2" adj\$5 "4" adj\$5 "8" adj\$5 "42" adj\$5 "45" adj\$5 "47"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:09

S134	4	S133 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:09
S135	2644	"8" adj20 "48" with bit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:11
S136	1617	S135 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:11
S137	21	"8" adj20 "48" with bit with (punct\$6 repeat\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:11
S138	8	S137 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:11
S139	1052	eight adj20 bit with (punct\$6 repeat \$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:13
S140	782	S139 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:13
S141	83	eight adj20 bit with (punct\$6)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:14
S142	40	S141 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:14
S143	20	eight adj20 "48" with bit with (punct \$6 repeat\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:18
S144	5	S143 and @ad< = "20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:18



S145	2	(punct\$6 repeat\$4) adj20 pattern adj20 ibt	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:19
S146	1517	(punct\$6 repeat\$4) adj20 pattern adj20 bit	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/22 16:19
S147	21	S146 and umts and @ad<="20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/22 16:19
S148	116	punct\$6 near algorithm	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/23 08:33
S149	39	S148 and @ad<="20020408"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/23 08:33

**EAST Search History (Interference)**

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**9/23/2009 1:18:19 PM****C:\Documents and Settings\pttran5\My Documents\EAST\Workspaces\10510896.wsp**